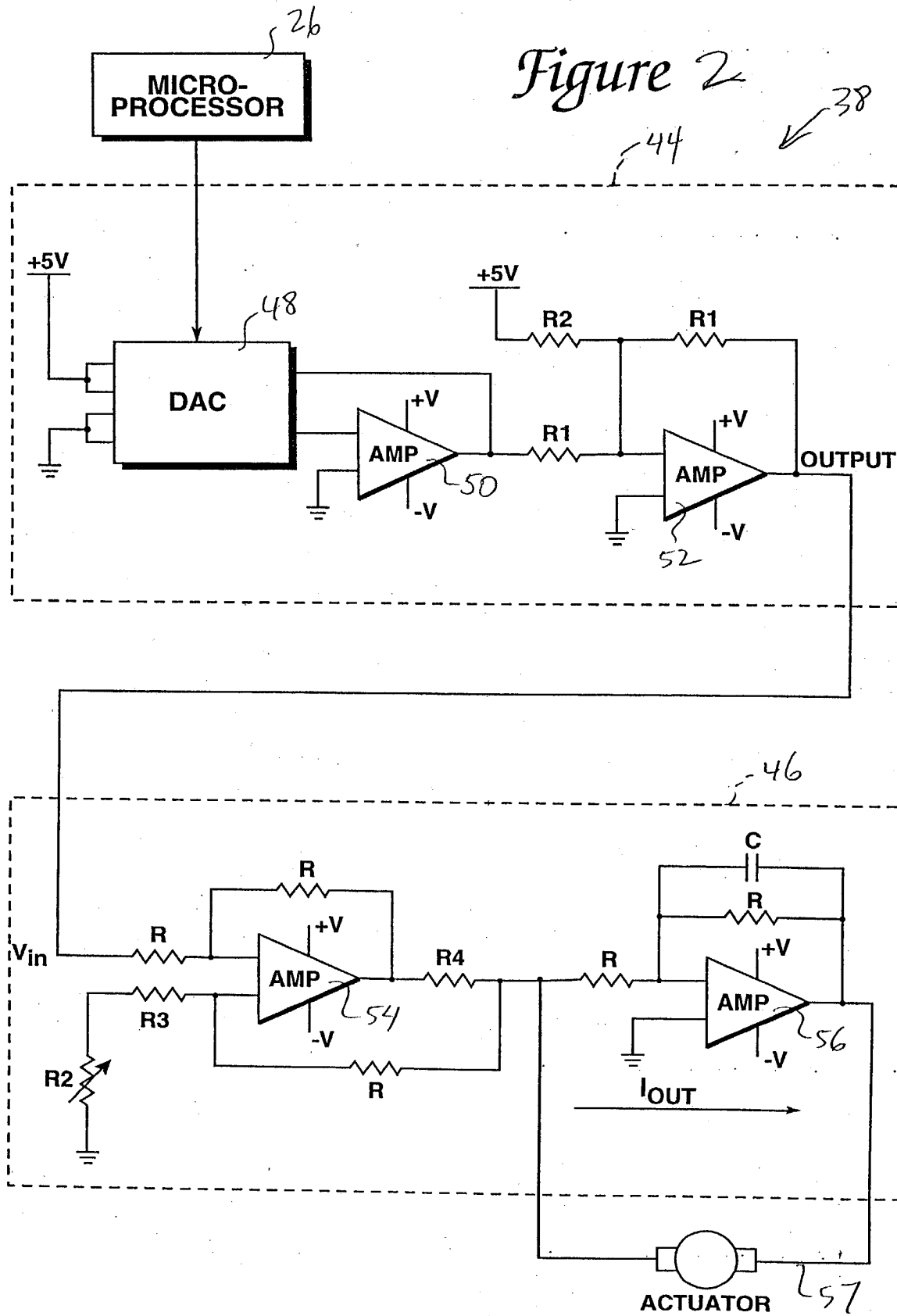
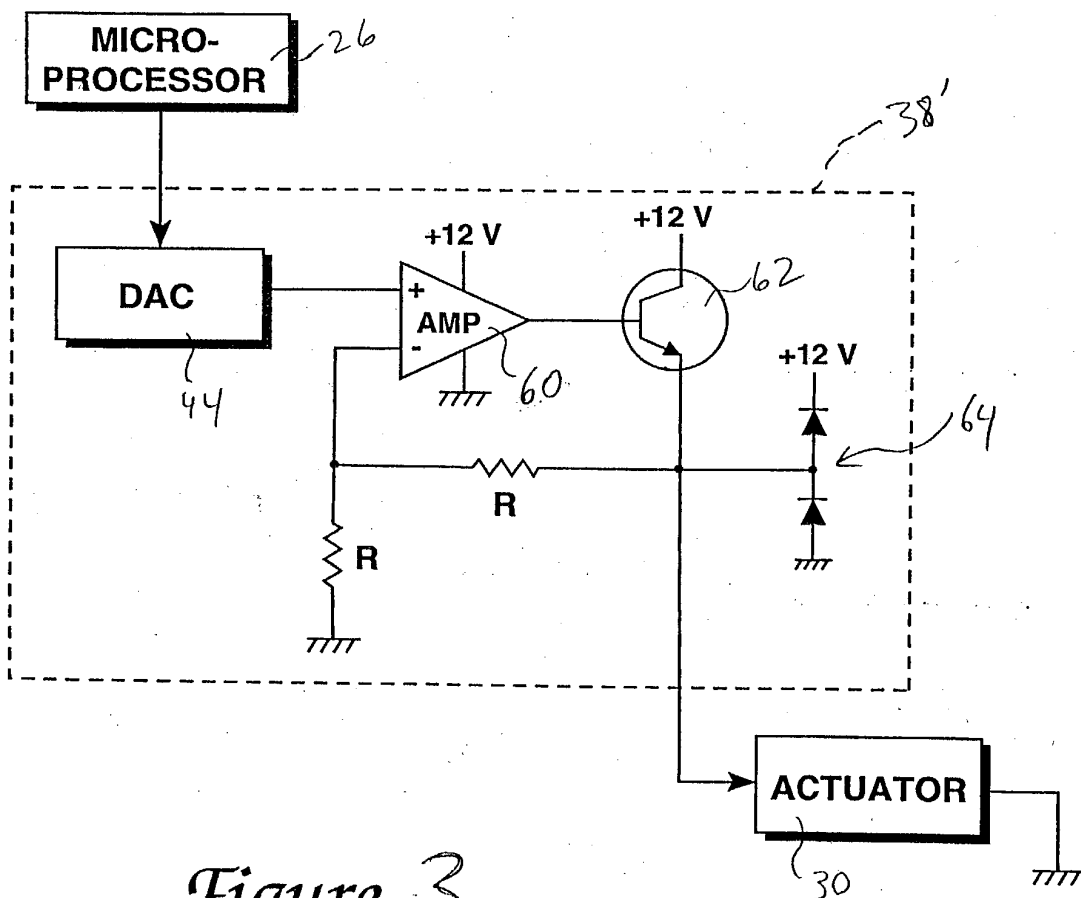


Figure 1

Figure 2



*Figure 3*

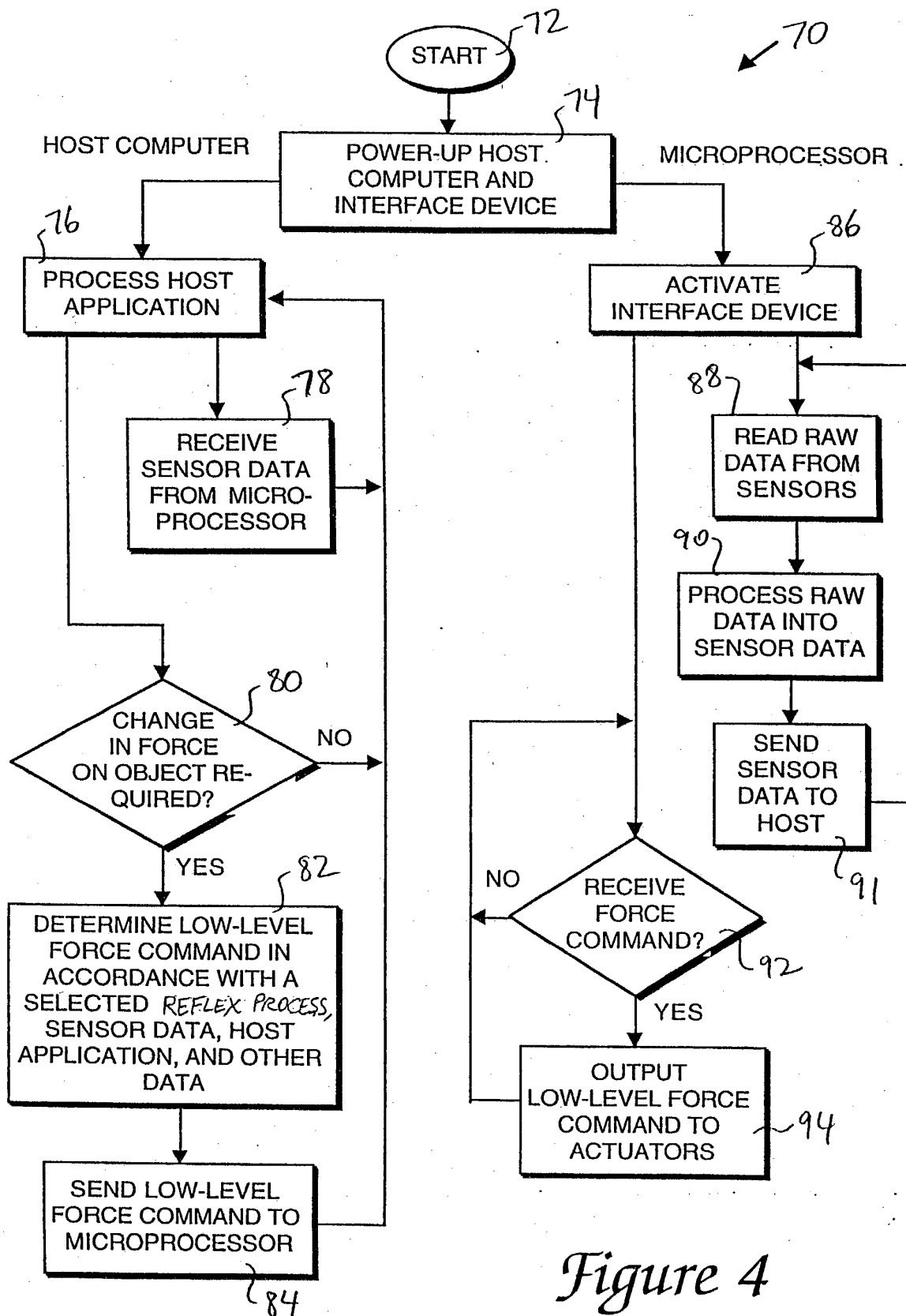


Figure 4

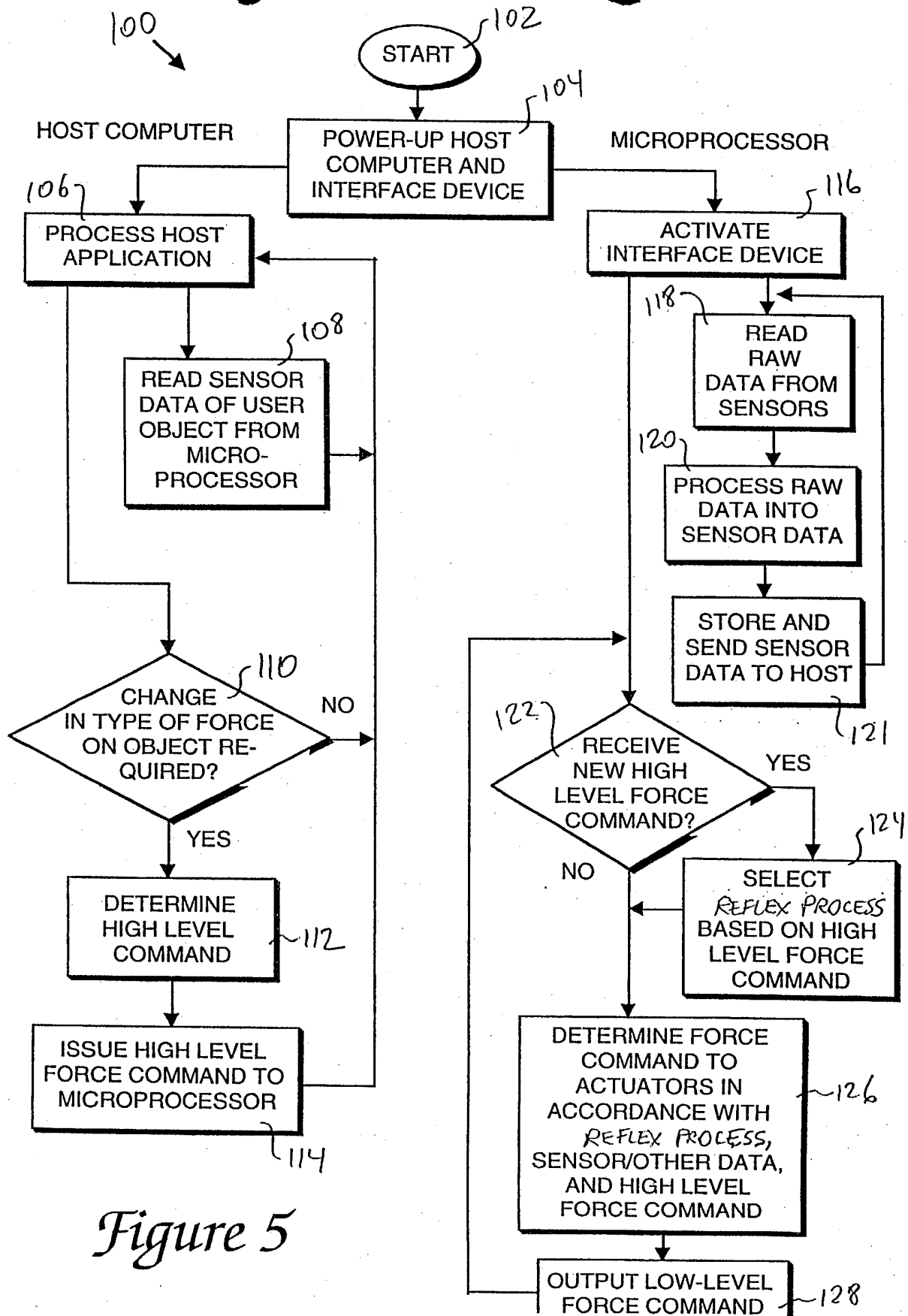


Figure 5

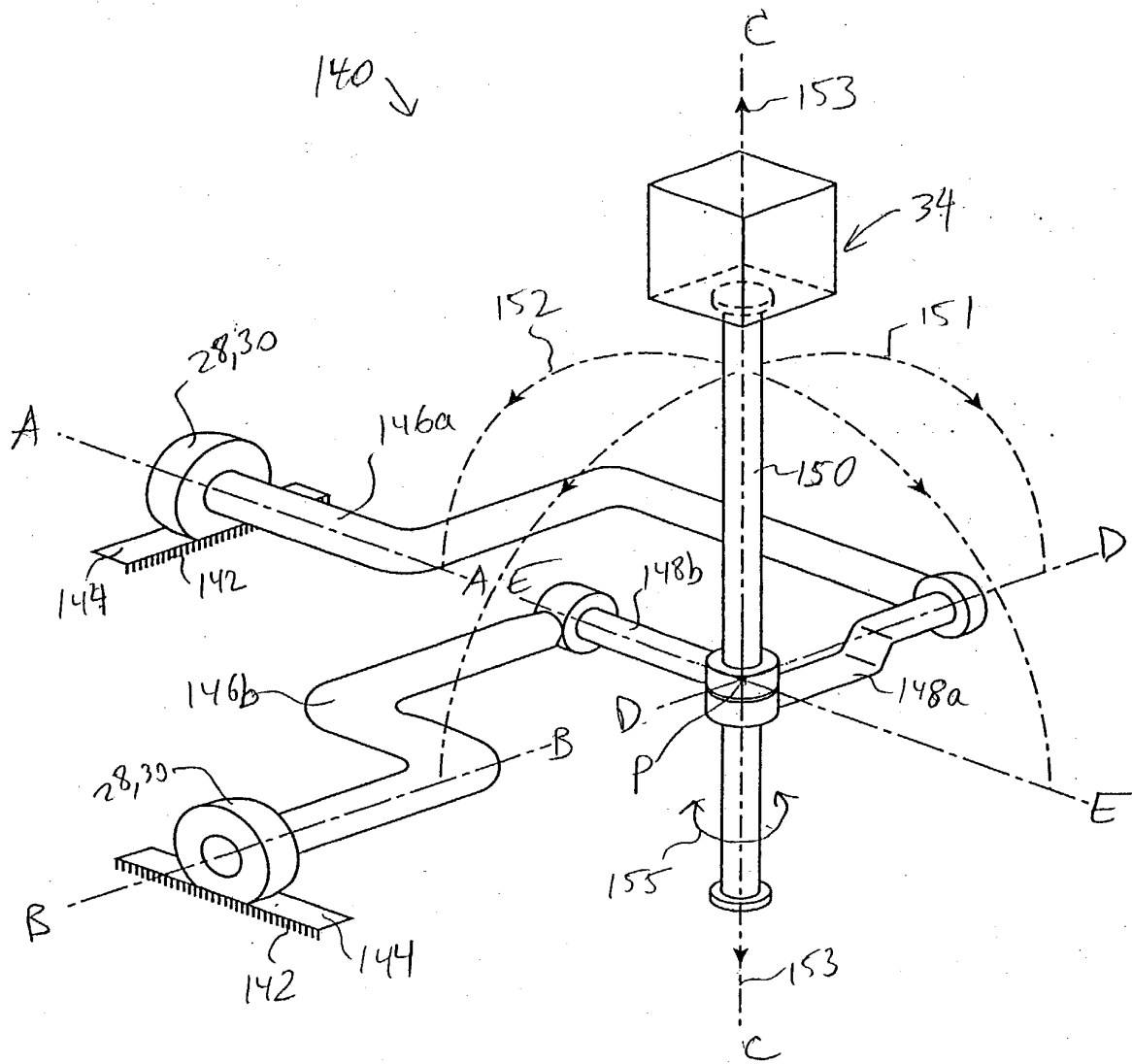


Figure 6

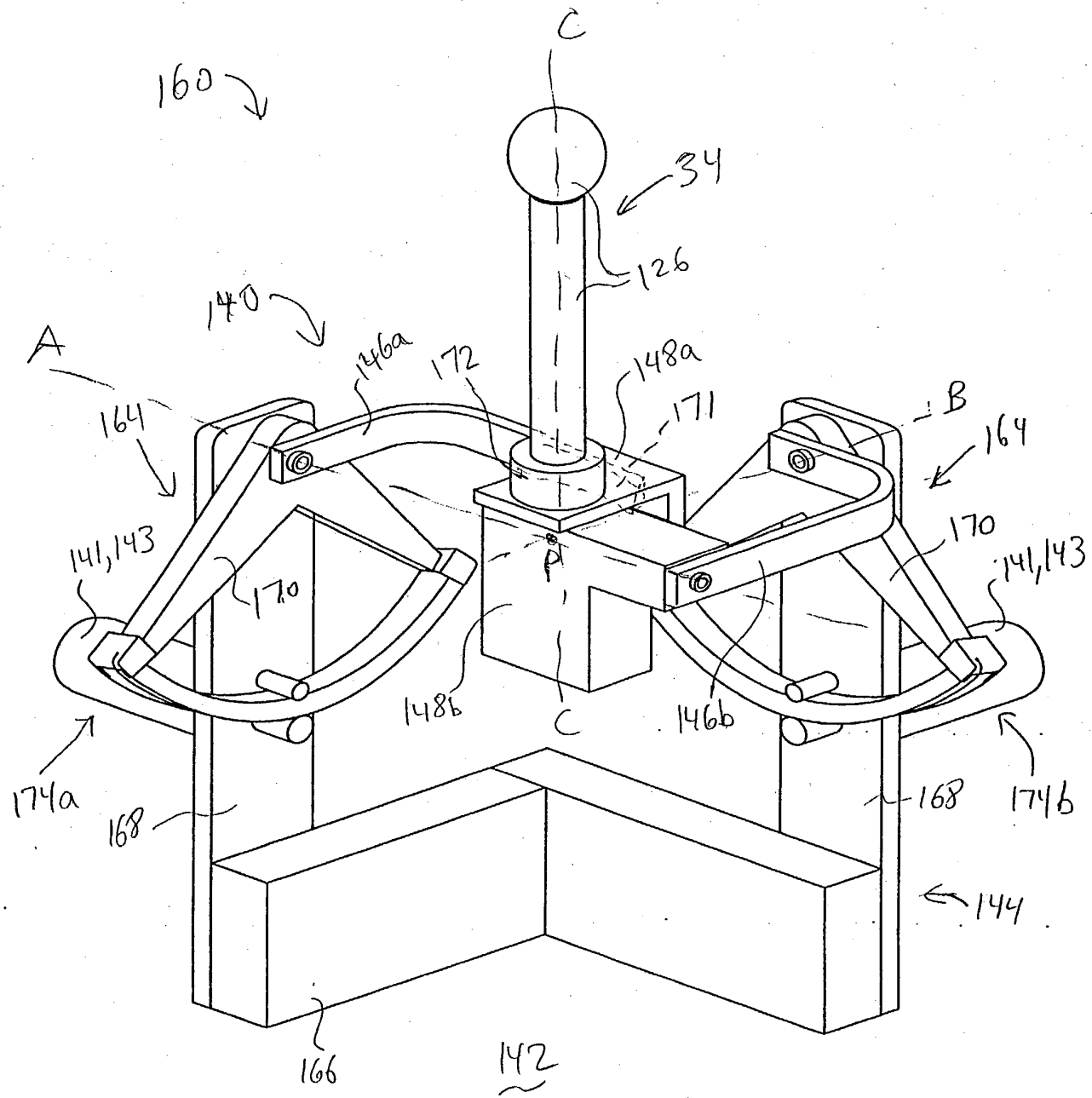


Figure 7

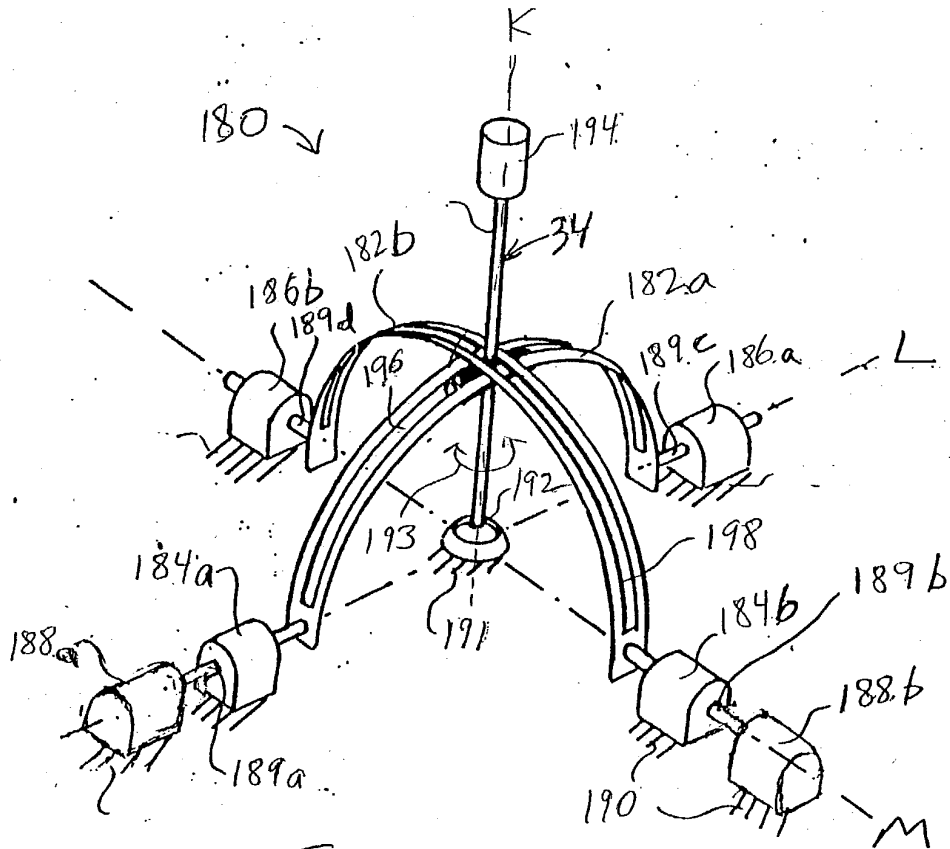


Figure 8

300

RATE CONTROL COMMANDS

FORCE	PARAMETERS	SUBCLASS
RESTORING	R-FORCE (MAGNITUDE, DURATION, STYLE, DEADBAND)	CONDITION
RESTORING SPRING	R-SPRING (COEFFICIENT, DURATION, STYLE, DEADBAND)	CONDITION
SLUGGISH STICK	SLUG (COEFFICIENT, DURATION, STYLE)	CONDITION
UNSTABLE	UNSTABLE (MAGNITUDE, DURATION, STYLE)	CONDITION
VECTOR	V-FORCE (MAGNITUDE, DURATION, DIRECTION)	OVERLAY
VIBRATION	V-VIBRATE (MAGNITUDE, DURATION, DIRECTION, FREQUENCY, STYLE)	OVERLAY
WOBBLE	WOBBLE (MAGNITUDE, DURATION, STYLE)	OVERLAY
BUTTON	B-FORCE (MAGNITUDE, DURATION, DIRECTION, BUTTON, AUTOFIRE)	OVERLAY/CONDITION
JOLT	JOLT (MAGNITUDE, DURATION, DIRECTION)	OVERLAY

FIGURE 9

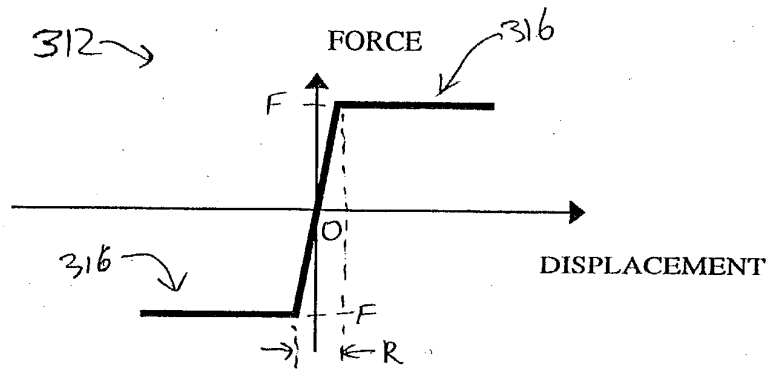


FIGURE 10a

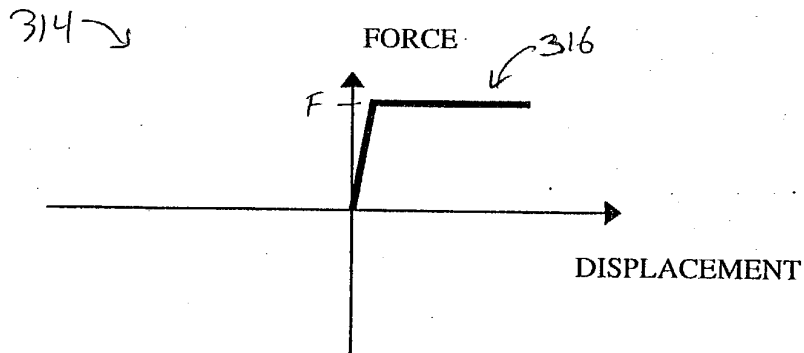


FIGURE 10b

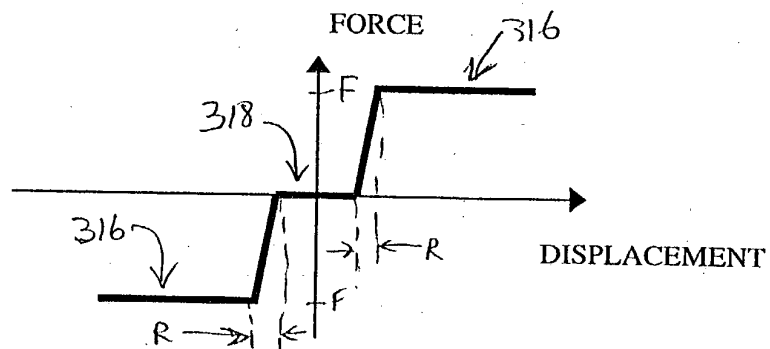


FIGURE 10c

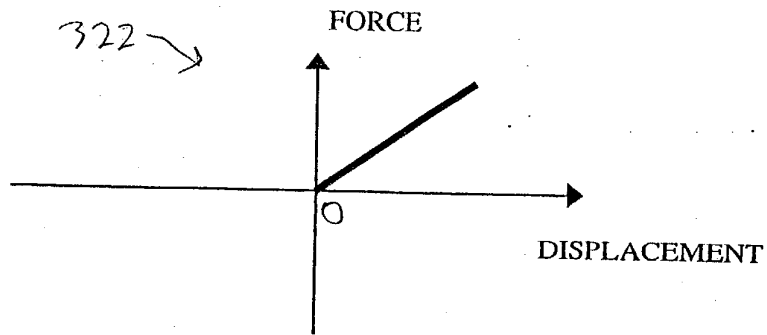


FIGURE 11b

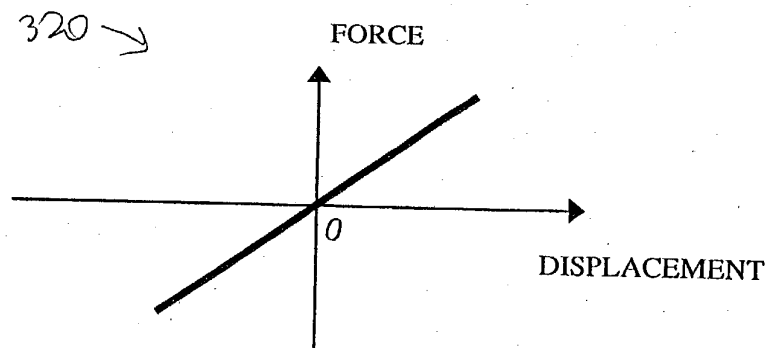


FIGURE 11a

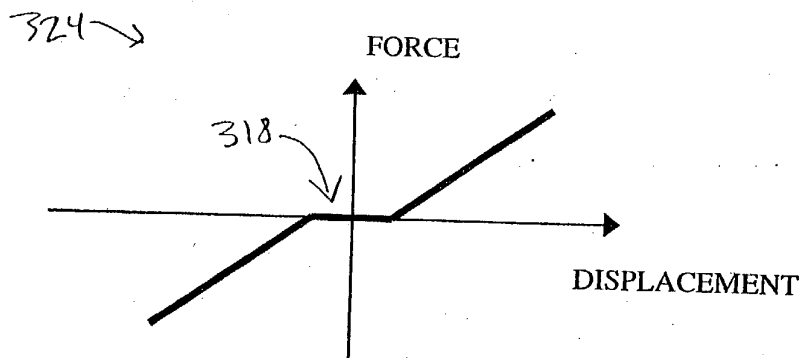


FIGURE 11c

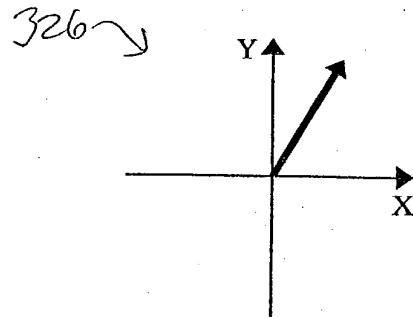


FIGURE 12

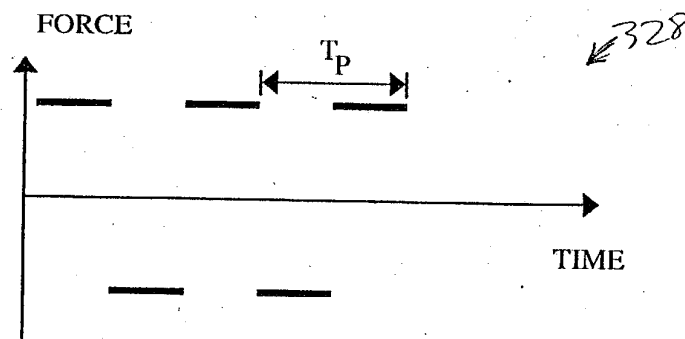


FIGURE 13a

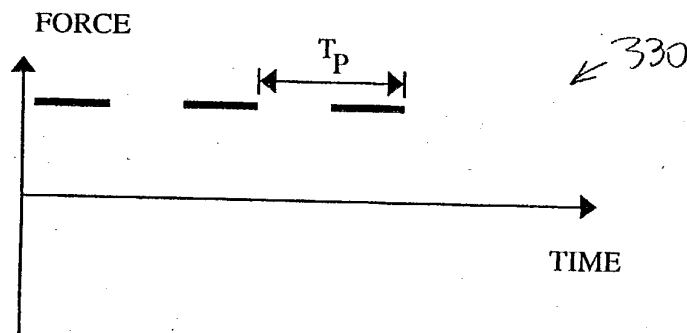


FIGURE 13b

334
↓

POSITION CONTROL COMMANDS

332
↙

EXAMPLE OF
COMMAND AND
PARAMETERS

336
↙

338

340
↙

<u>FORCE</u>	
VECTOR	P_FORCE (MAGNITUDE, DIRECTION)
GROOVE	GROOVE (MAGNITUDE, STYLE, SNAP-DISTANCE)
DIVOT	DIVOT (MAGNITUDE, STYLE, SNAP-DISTANCE)
TEXTURE	TEXTURE (MAGNITUDE, DENSITY, STYLE)
BARRIER	X_BARRIER (MAGNITUDE, LOCATION, SNAP-DISTANCE)
FIELD	FIELD (MAGNITUDE, ORIGIN, SENSE)
PADDLE	PADDLE (MASS, GRAVITY, COMPLIANCE, SENSE)
BUTTON	BUTTON (MAGNITUDE, DIRECTION, BUTTON, AUTOFIRE)

FIGURE 14

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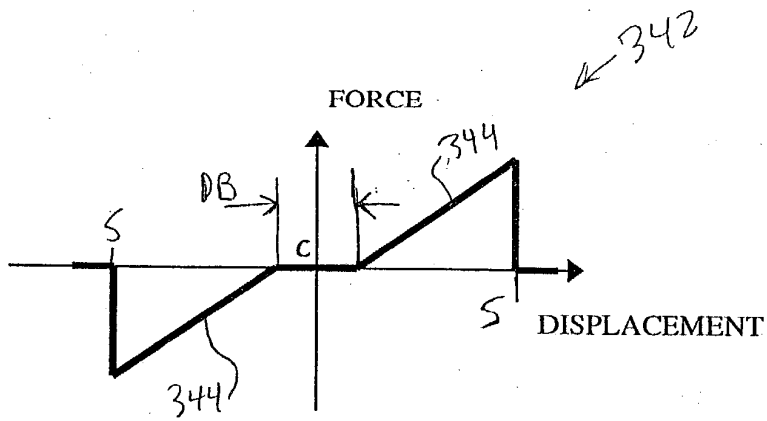


FIGURE 15

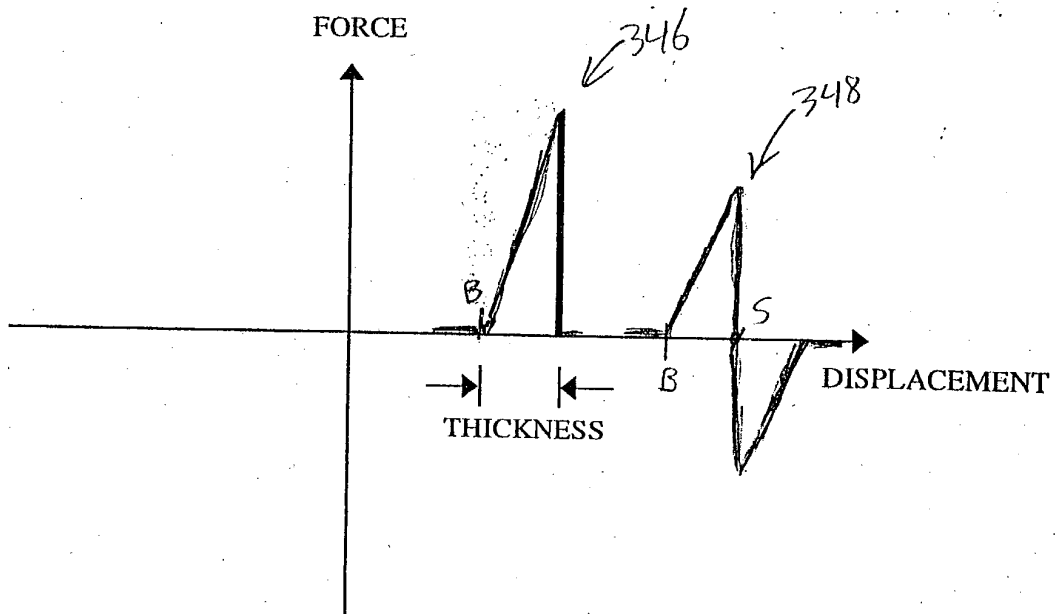


FIGURE 16

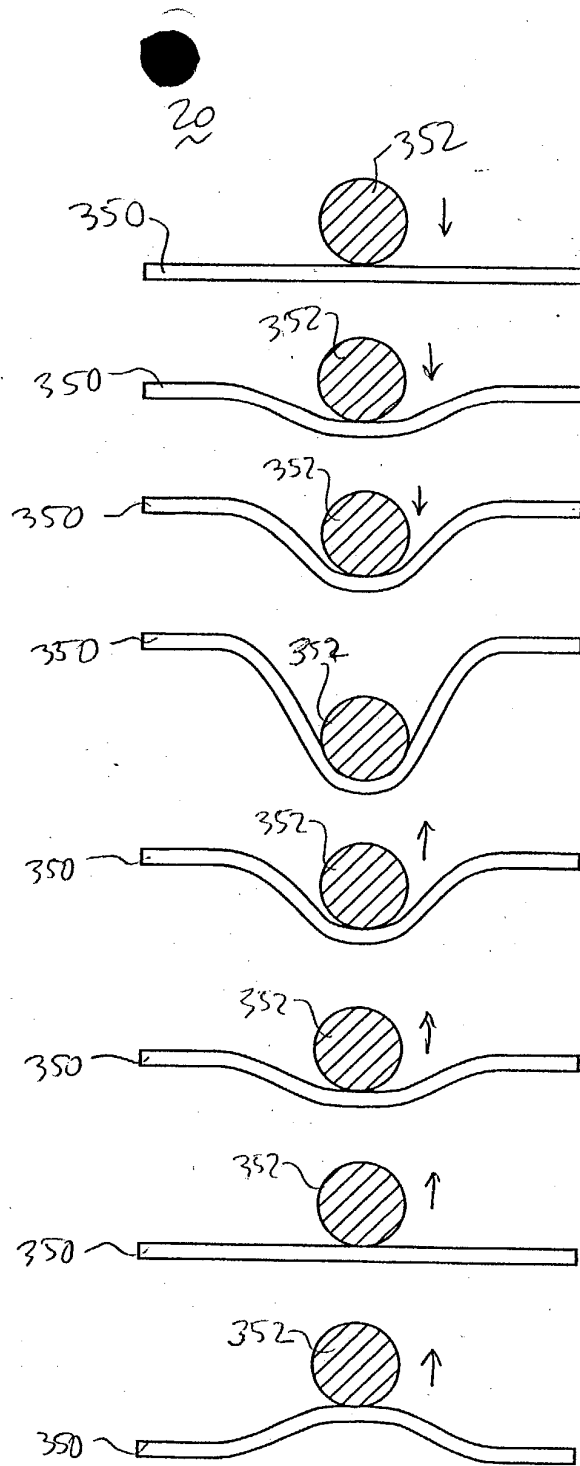


Fig. 17a

Fig. 17b

Fig. 17c

Fig. 17d

Fig. 17e

Fig. 17f

Fig. 17g

Fig. 17h

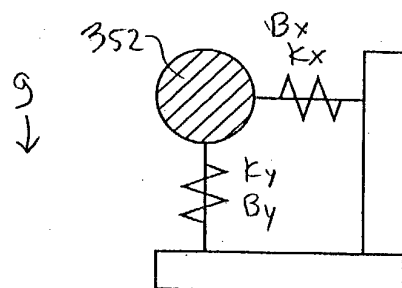


Fig. 17i

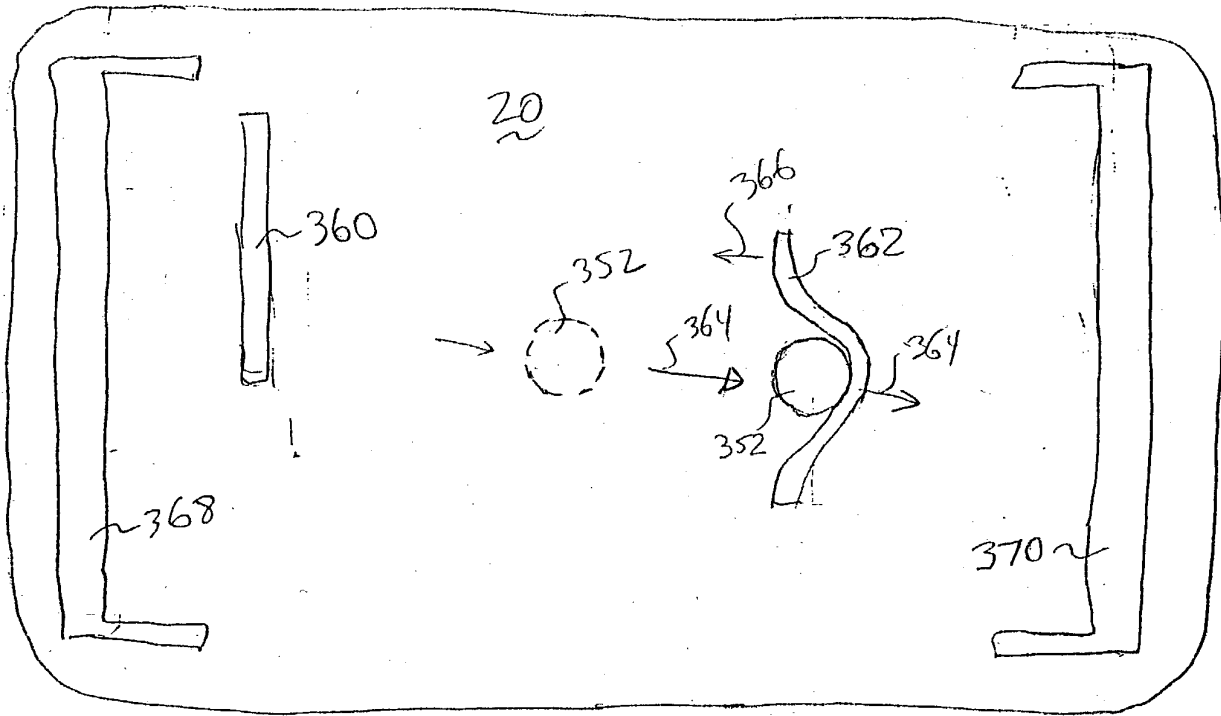


Figure 17j

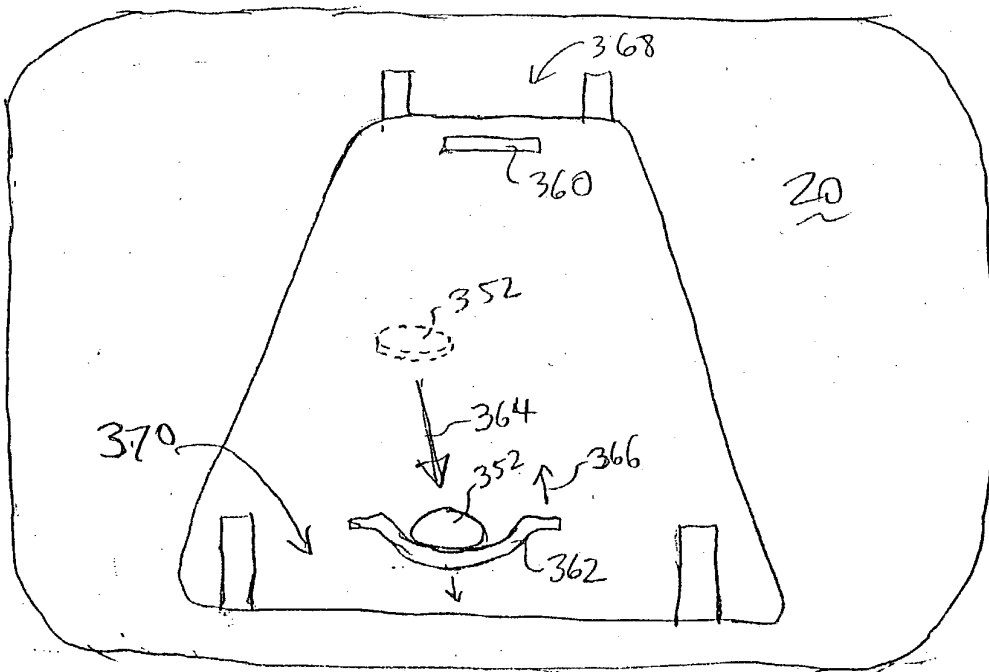


Figure 17k

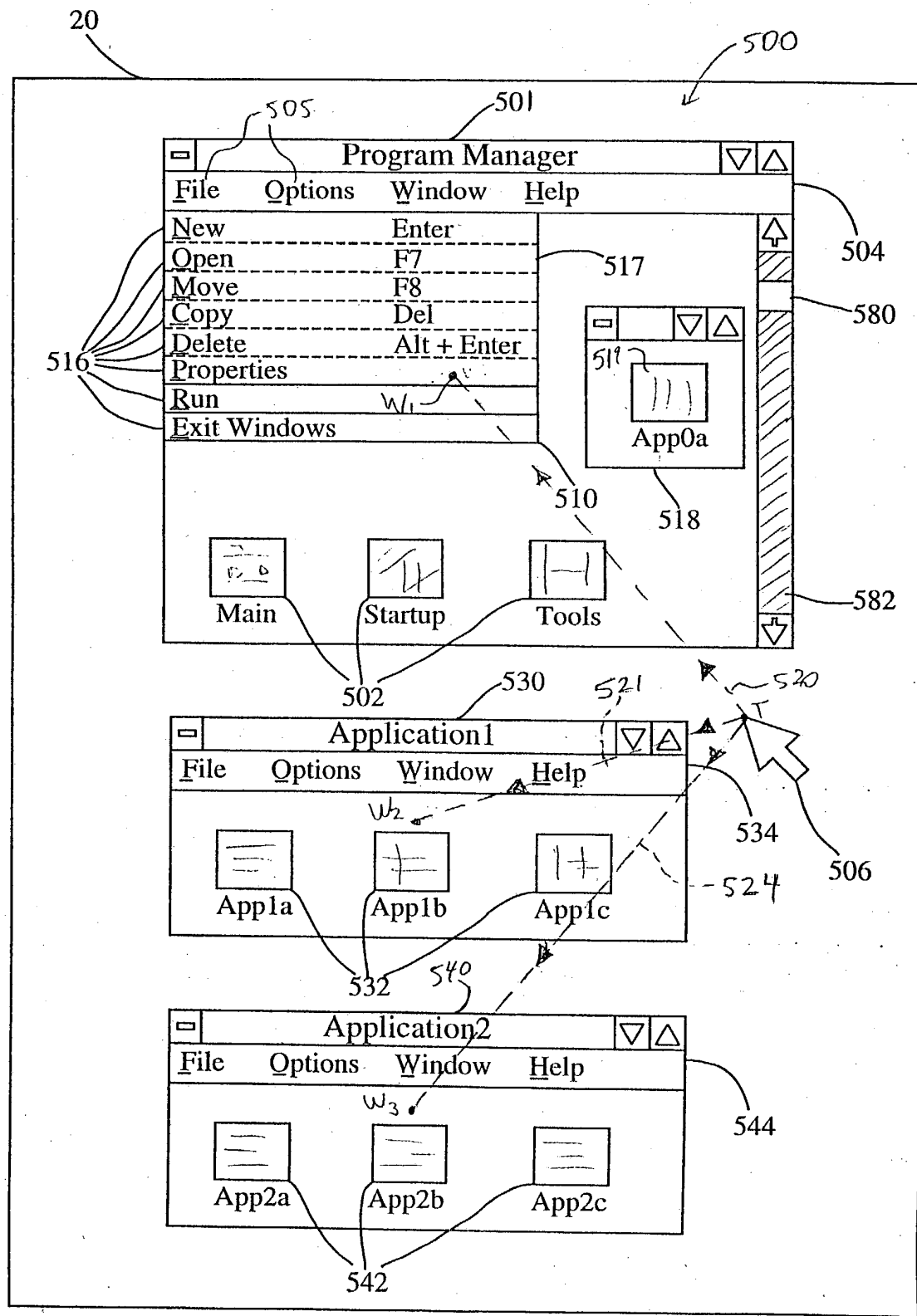


Figure 19

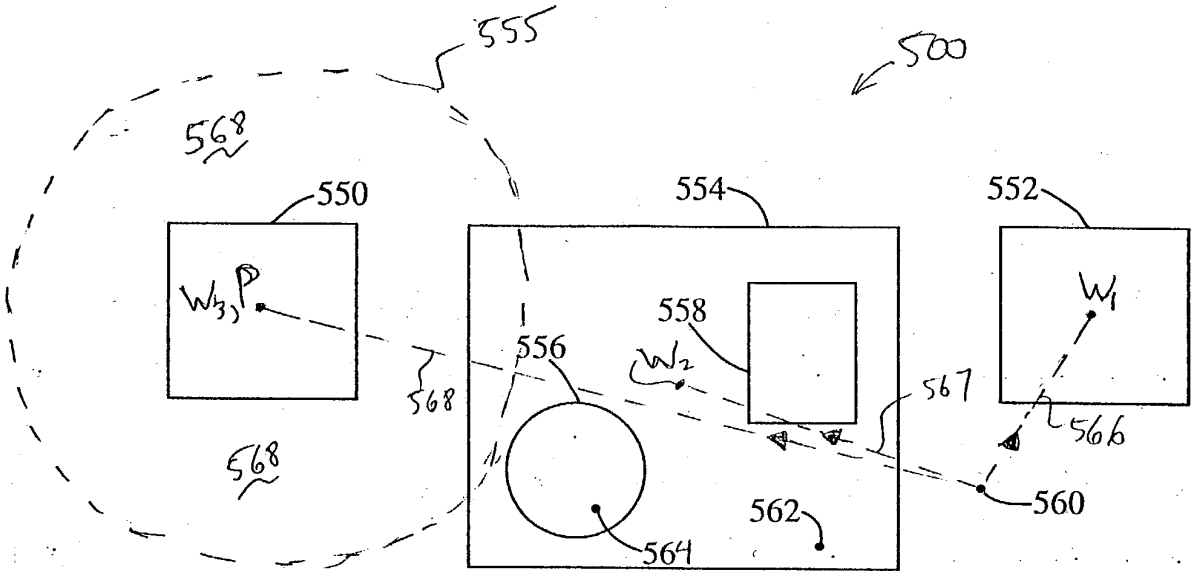


Figure 20a

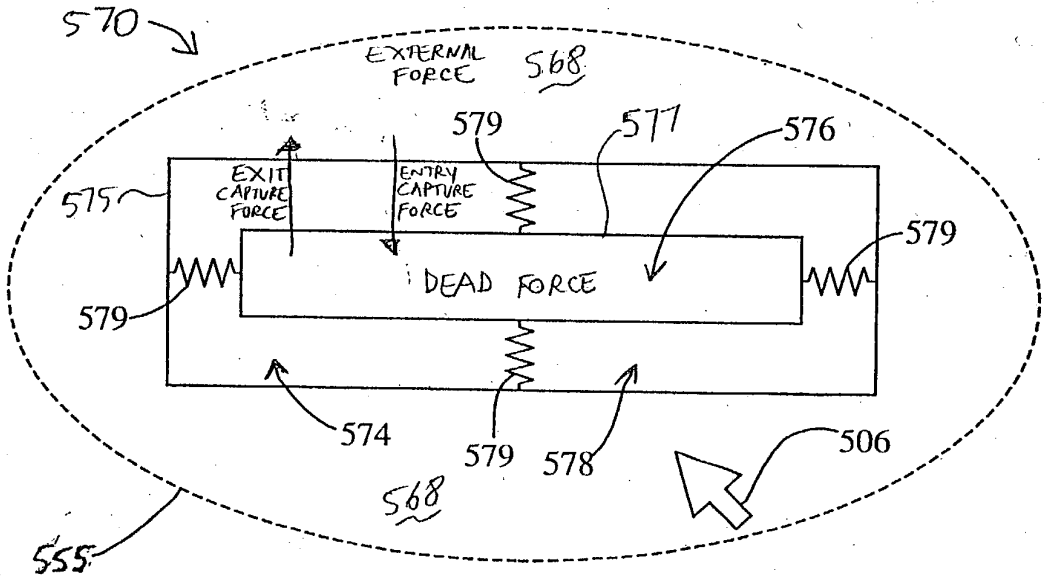


Figure 20b

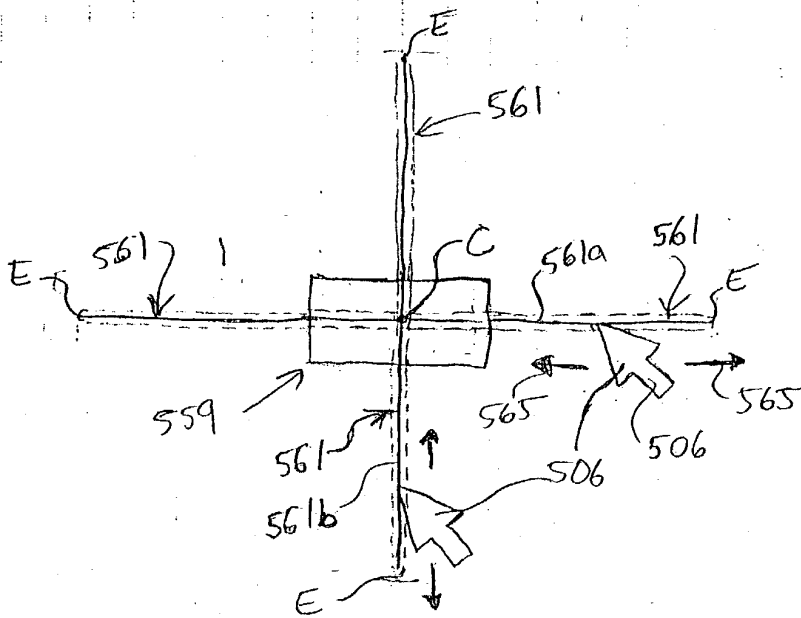


Figure 20c

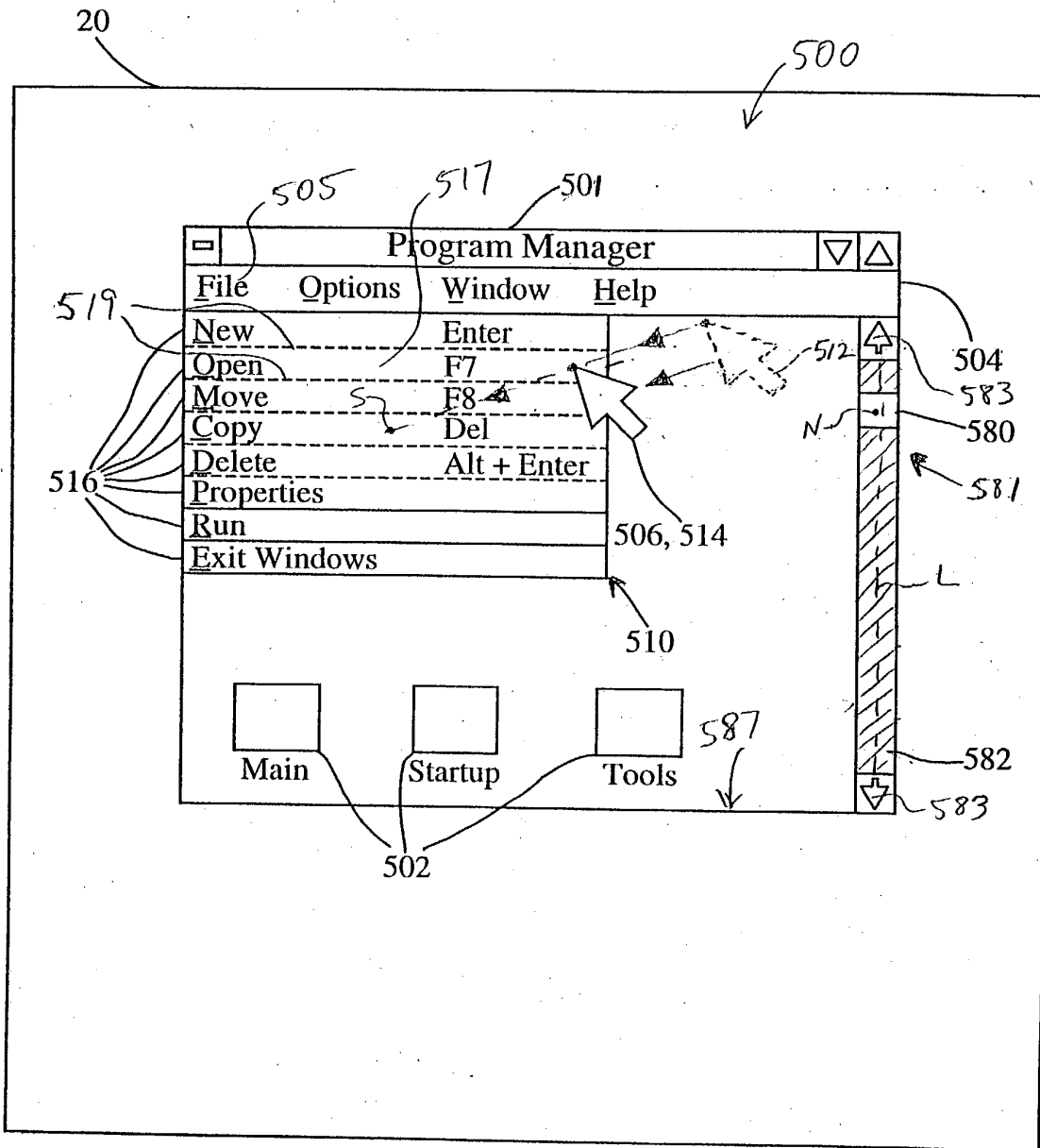


Figure 2/

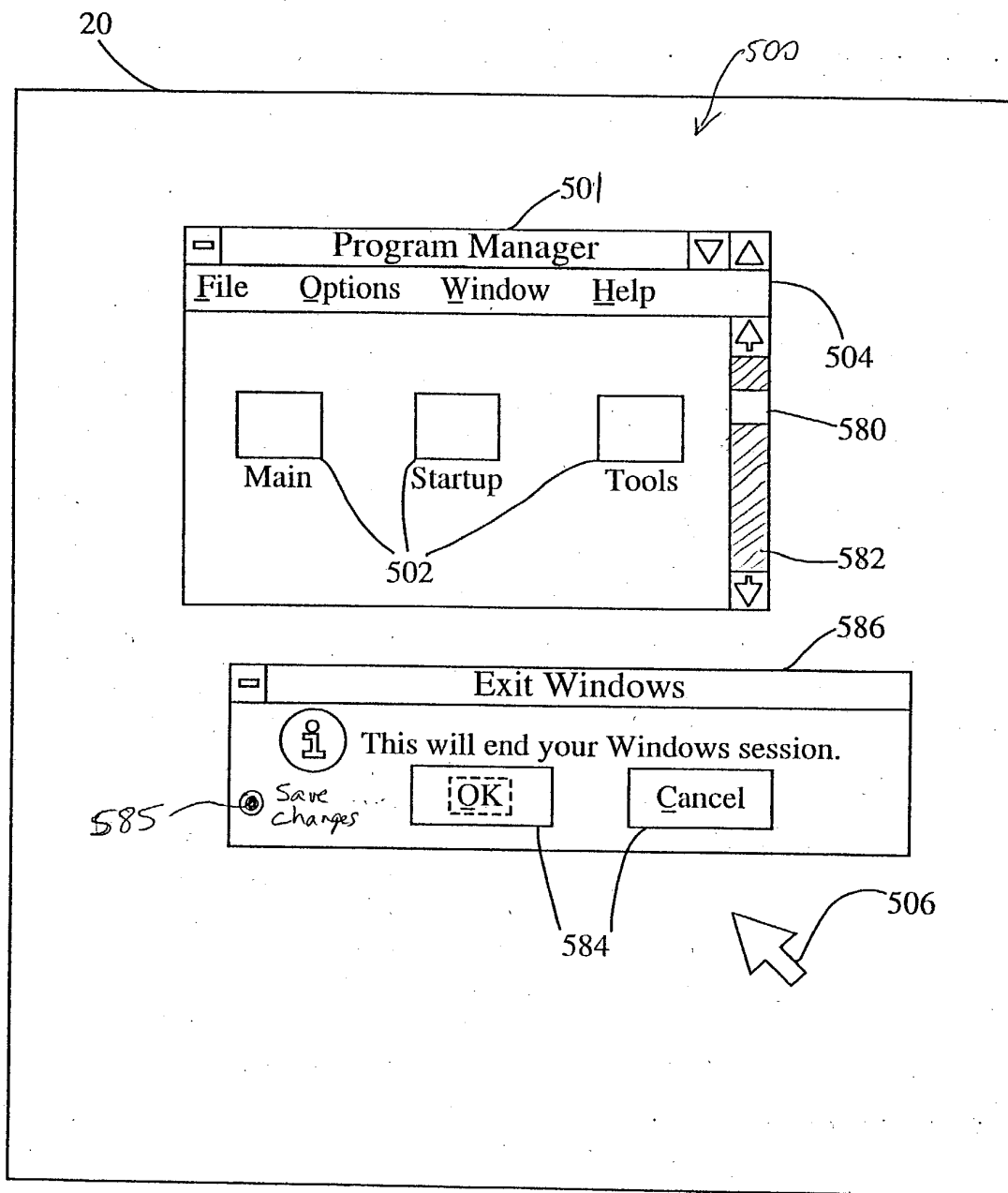


Figure 22

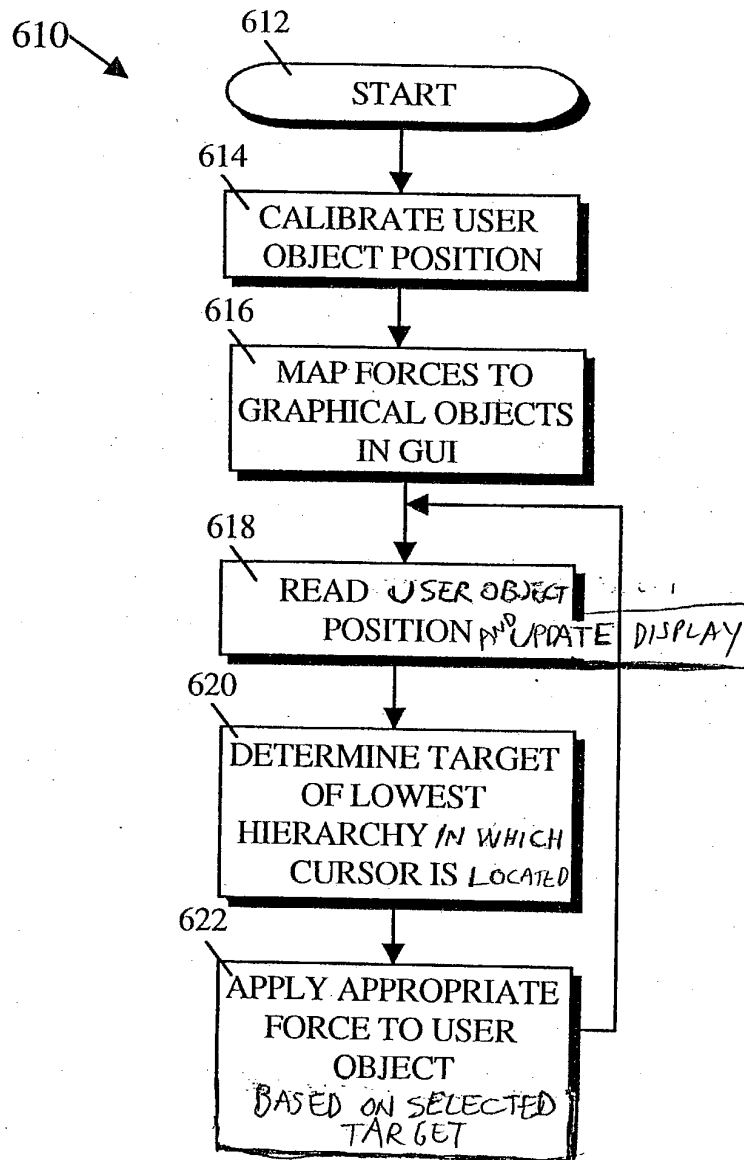


Figure 23

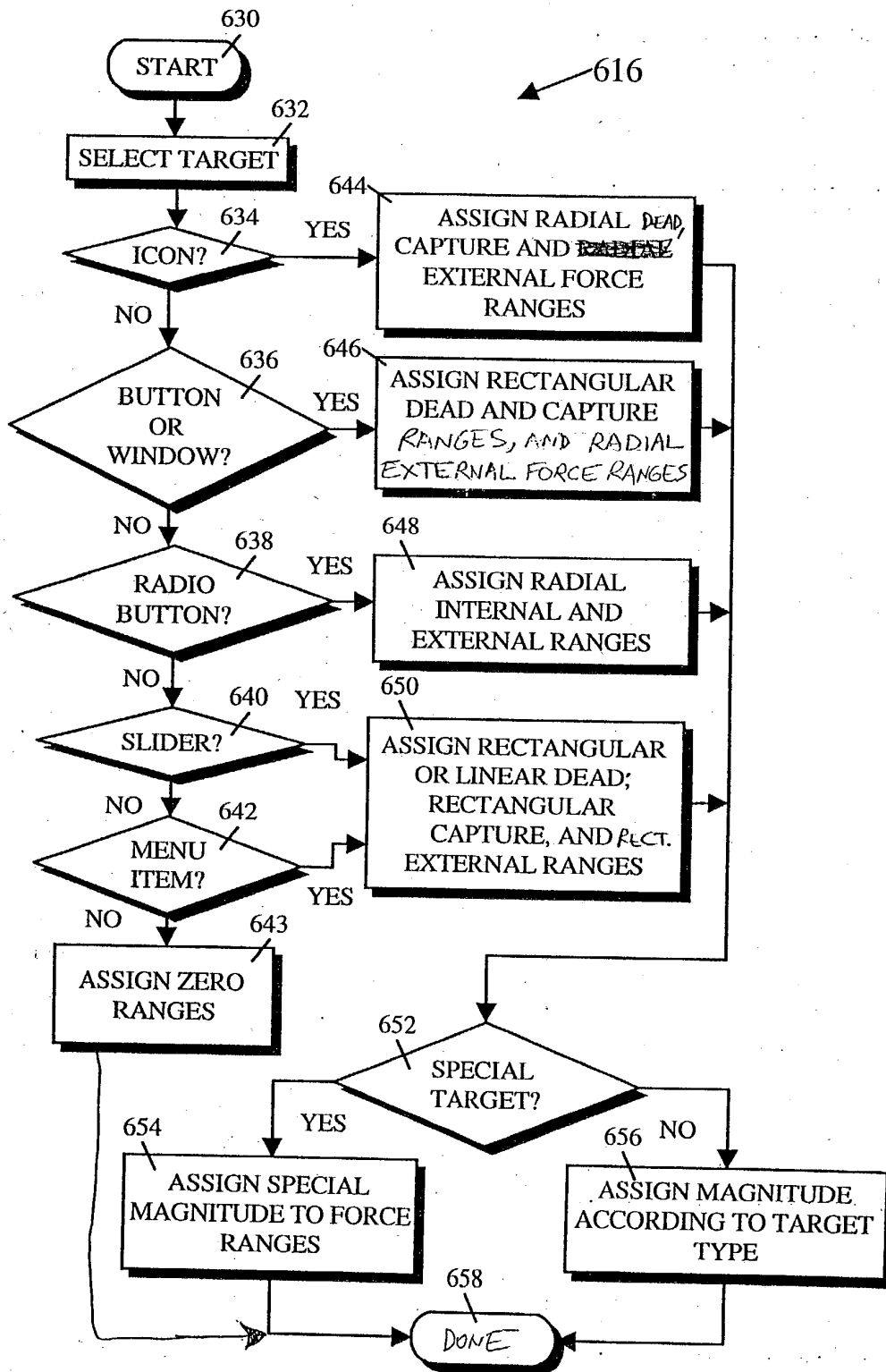


Figure 24

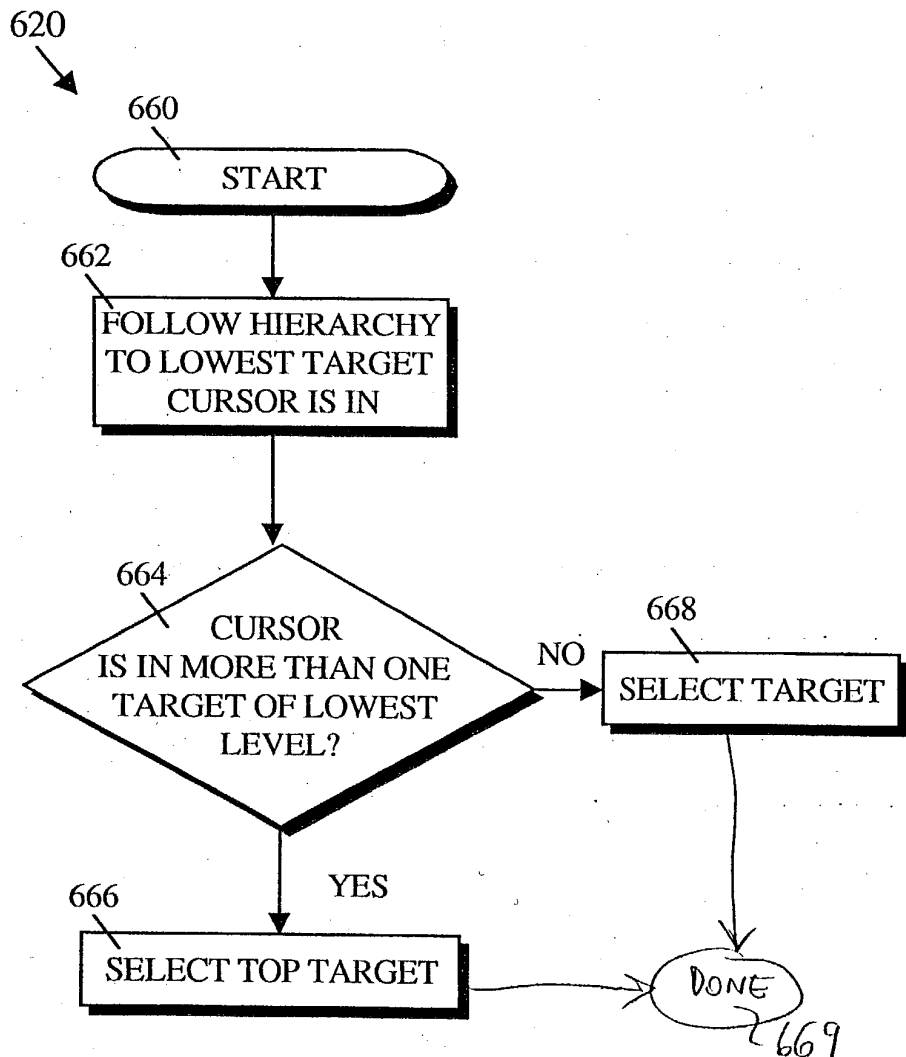


FIGURE 25

622

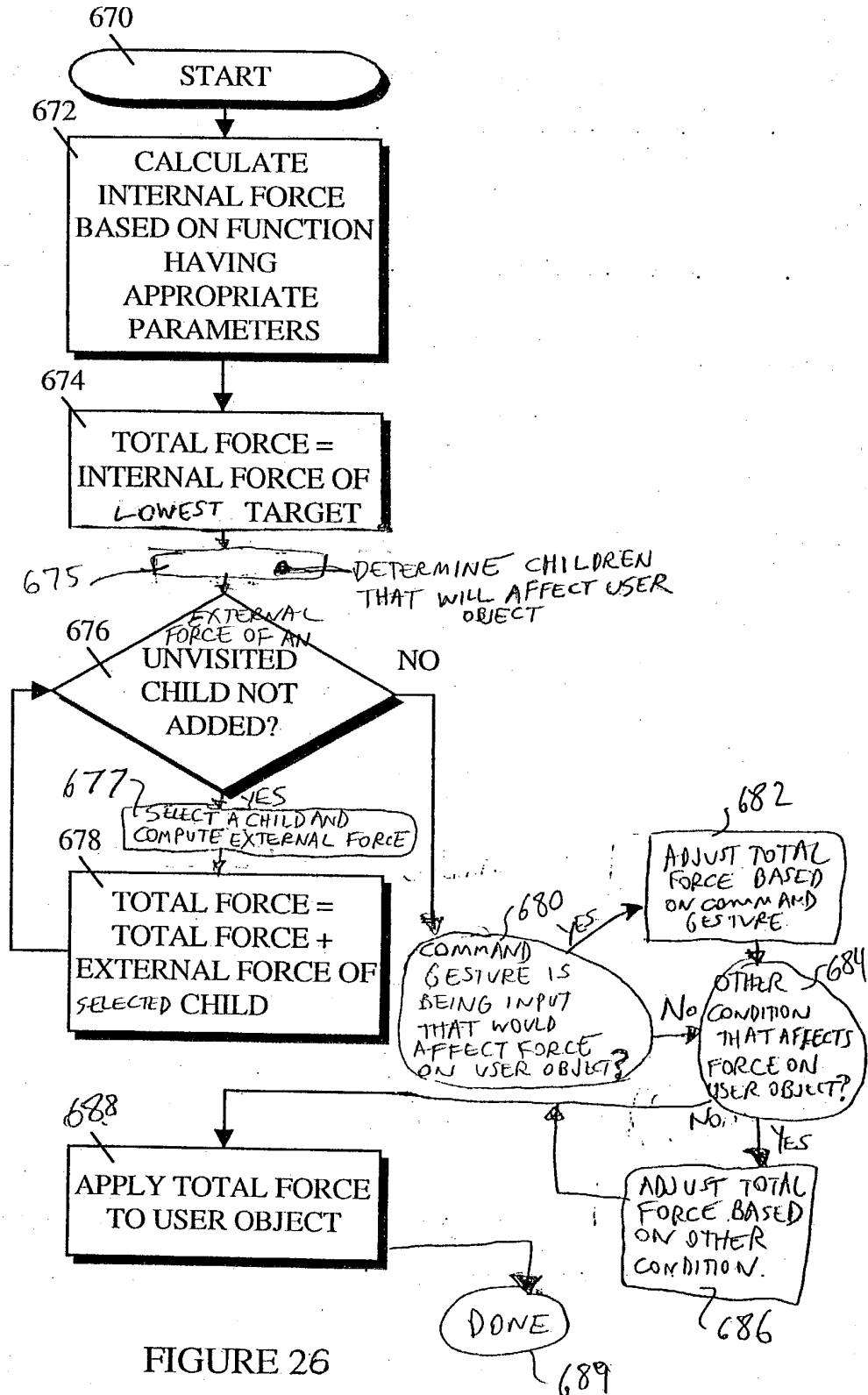


FIGURE 26

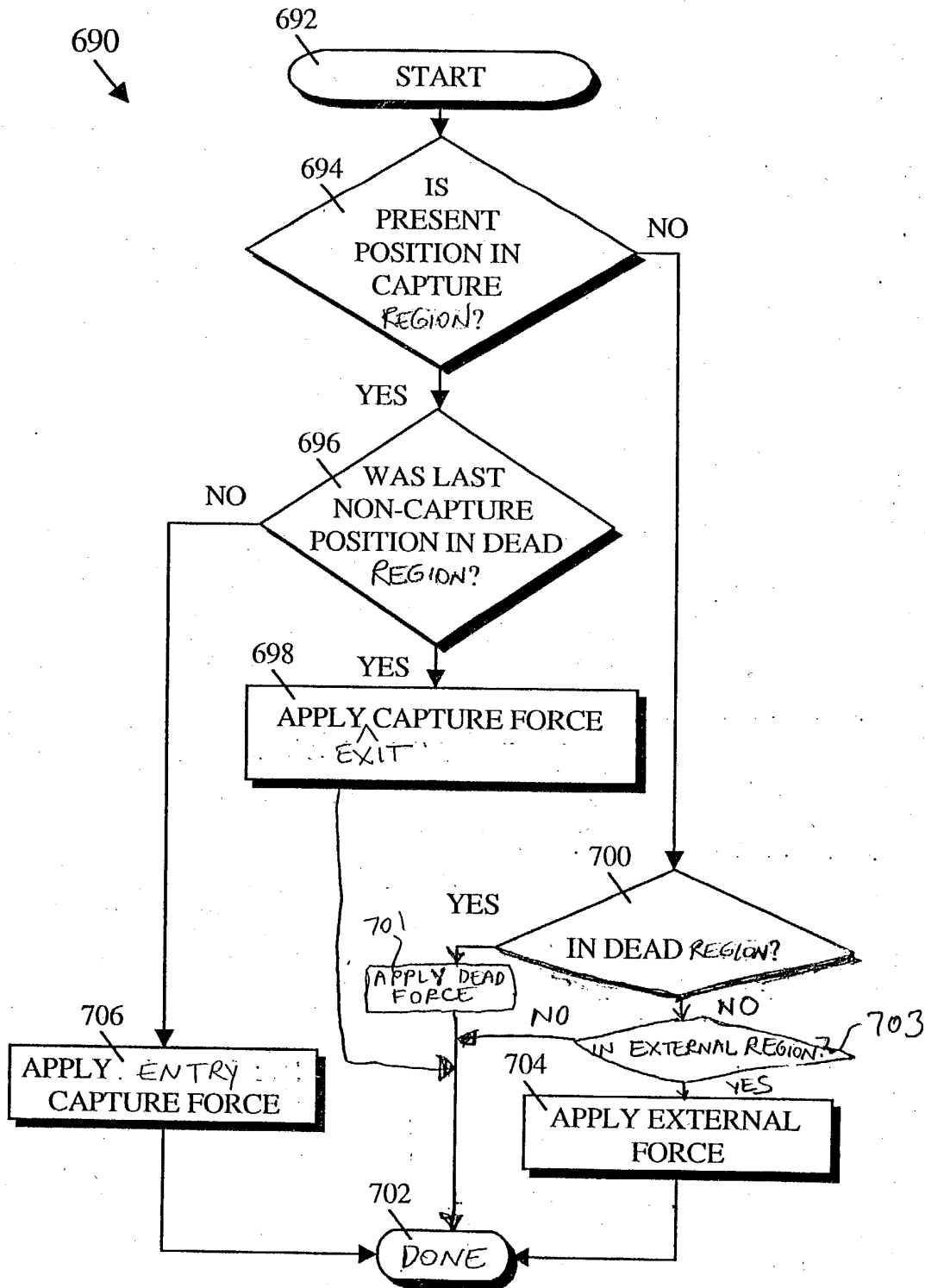


FIGURE 27